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# **LaPorte County Health Department**

***“Serving The Public Health Needs of LaPorte County”***



**ANNUAL REPORT  
2003**

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# LAPORTE COUNTY HEALTH DEPARTMENT

*"Serving The Public Health Needs of LaPorte County"*

## ANNUAL REPORT 2003

### HEALTH OFFICERS REPORT

My second year as Health Officer for LaPorte County has again been very rewarding, thanks to the leadership of Paul Trost as Administrator and the management team of Lana Buckles, Tom Duszynski, Kathleen Koehler and Nancy Lawrence

The Small-pox/Monkey-pox challenge was met and handled very appropriately. The new office in Michigan City has worked well for the community and us. West Nile Virus was not as big of a concern as it was in 2002, but I expect it will loom large again in another year. We continue to provide an excellent immunization program and meet all TB Challenges head-on.

Again, I look forward to 2004 as LaPorte County Health Officer and  
*"Serving the Public Health Needs of LaPorte County".*

Charles T. Janovsky M.D.  
Health Officer

### ADMINISTRATORS REPORT

Greetings,

The year 2003 was the second year with Dr. Janovsky as Health Officer and myself as Administrator leading the LaPorte County Health department. I am pleased to again report that our community was well served. The staff of the LaPorte County Health Department has again provided exemplary service to our citizens. The management team of Nancy Lawrence, Office Manager and Clerical Supervisor; Lana Buckles, Chief Sanitarian and Michigan City Office Manager; Tom Duszynski, Environmental Supervisor; and Kathleen Koehler, Nursing Supervisor directed a staff of 25 full time, 3 part-time and 4 interns.

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The accompanying reports quite fully describe the activities of the department and its extensive outreach but I would like to address our newest program; Bio-terrorism Preparedness. Early in 2003 we set out to address smallpox vaccinations. The guidelines set forth by ISDH and the CDC were reviewed and we believed it necessary to add full-time personnel to the program. With direction from a very understanding Board Of County Commissioners and County Council we moved promptly to meet the formidable challenge of vaccinating the first responders of LaPorte County. When heart problems became a contraindication the national policy changed direction, and so did we. The process of developing a program for smallpox vaccination and containment strengthened our procedures for all communicable disease investigations. These procedures were put to test when monkey-pox came unexpectedly to our community. We followed through with prompt and thorough investigations and containment of the disease.

Your Health Department will continue be trained and prepared to meet the Public health Needs of LaPorte County.

Paul E. Trost  
Administrator

## **LAPORTE COUNTY BOARD OF HEALTH MEMBERS**

Michael Sandy, Chairperson  
Amarnath Agrawal, MD  
Rakesh Gupta, MD  
Michael Jones  
Doretha Sanders  
J. Willard Simcox  
Sherry Waters

## **HEALTH DEPARTMENT ATTORNEY**

Alan Sirinek

## **HEALTH DEPARTMENT ADMINISTRATION**

Charles T. Janovsky, MD, Health Officer  
Paul E. Trost, Administrator  
Nancy Lawrence, Administrative Assistant/Office Manager  
Lana Buckles, Chief Sanitarian/Michigan City Branch Manager  
Thomas Duszynski, Environmental Supervisor  
Kathleen Koehler, RN, Nursing Supervisor

## **STAFF MEMBERS**

Arlin Abraham, Small Pox Contract  
Mary Allen, Vital Records Registrar  
Michelle Bealor, Environmental Section Secretary  
Stephen Bucheit, Intern  
James Downey, Wastewater Specialist  
Julie Davies Downie, Vital Records Secretary  
Judy Erow, RN, Public Health Nurse  
Linda Fike, Wastewater Section Secretary  
Erica Flegel, Laboratorian  
Karen Foster, RN, Public Health Nurse  
Kristen Gayheart, Vital Record Secretary  
Paulina Grezesiak, Intern  
Joanne Hardacker, RN, Public Health Nurse  
Cheri Johnston, Food Section Sanitarian  
Daniel Keane, Wastewater Sanitarian  
Ann Klute, Environmental Sanitarian  
Mary Kutch, Intern  
Tony Mancuso, Environmental Planner  
Marcia Metzcus, RN, Part-time Public Health Nurse  
Jennifer Quinlan, Small Pox Contract  
Kimberly Rebich, RN, Public Health Nurse  
Jennifer Smith, RN, Public Health Nurse  
Josephine Spicka, RN, Part-time Public Health Nurse  
Jayme Staggers, Vital Records Registrar  
Doris Wallace, Nursing Section Secretary  
Autumn Wenzel, Intern  
Brynn Wozniak, Intern  
Patricia Wozniak, Food Section Sanitarian

## PAST STAFF MEMBERS

Thomas Duszynski, Environmental Supervisor  
Kim Moffo, RN, Public Health Nurse  
George Sharp, Jr., Environmental Sanitarian  
Danielle Livinghouse, Environmental Planner

## HEALTH DEPARTMENT OPERATION

809 State Street, Suite 401A  
LaPorte IN 46350-3385  
219-326-6808 ext 200  
219-879-9383  
219-325-8628 (fax)

302 West 8<sup>th</sup> Street, Suite 3  
Michigan City, IN 46360  
219-874-3755  
219-873-3018 (fax)  
219-873-0000 (TB fax)

Both the main office and the Michigan City branch office of the LaPorte County Health Department maintain the hours of 8 a.m. to 4 p.m., Monday through Friday.

**HEALTH BOARD:** The LaPorte County Board of Health consists of seven (7) members who serve four-year terms and are appointed by the LaPorte County Board of Commissioners.

**HEALTH OFFICER:** The LaPorte County Health Department Health Officer serves a four-year term in a part-time capacity and is appointed by the Board of Health.

**ADMINISTRATOR:** The LaPorte County Health Department Administrator manages the daily operations of the Health Department and is appointed by the Board of Health.

**STAFF:** In 2003 the LaPorte County Health Department maintained a staff of 25 full-time employees, 2 Small Pox Contract employees, 3 part-time employees, and 4 interns.

**DEPARTMENTS:** The Health Department has six sections that provide various services to the LaPorte County area. The following is a brief description of each section.

**VITAL RECORDS:** Vital Records sections are located in both offices. This section issues and maintains birth and death records starting in 1882 for persons who were born or died in

LaPorte County. The section also does genealogy searches and maintains animal bite reports.

**NURSING SERVICES:** Located in both offices, our Nursing section offers immunizations, communicable disease control and investigation, lead screening, pregnancy testing and counseling, tuberculosis testing and counseling, blood profile screenings, HIV/AIDS testing and counseling, and some travel immunizations. The section also provides STD testing and counseling in conjunction with the Open Door Health Center in Michigan City and Dr. Monica Ovalle's office in LaPorte.

**WASTEWATER:** The Wastewater section is located in the LaPorte office and issues septic permits for new construction and for repairs to older septic systems. The section also investigates complaints regarding failed septic systems.

**WATER LABORATORY:** The Water Laboratory is located in the LaPorte office and tests water samples from drinking water sources, surface water sources including area bathing beaches, and public swimming pools, spas, and whirlpools. The following tests are offered on water samples: Total Coliform with E. coli confirmation, E. coli (for surface water), lead, nitrate, nitrite, iron, phosphorus, and suspended solids.

**ENVIRONMENTAL:** The Environmental section is located in both offices. This section investigates complaints and advises residents on a variety of topics such as substandard housing, rodent/vector infestation and harborage open burning, trash and garbage, unsanitary living conditions and hazardous waste. The section also inspects and issues permits for public and semi-public pools and spas.

**FOOD:** Located in the Michigan City office, the Food section inspects and issues permits to food vendors such as restaurants, grocery stores, convenience stores, and mobile and temporary food vendors. The section also investigates food-related complaints and conducts food sanitation classes.

## HEALTH FUND FINANCIAL STATEMENTS

### STATEMENT OF RECEIPTS 219 ACCOUNT

	<b><u>2003</u></b>	<b><u>2002</u></b>
Property Tax	619,960.91	805,355.77
Financial Institution Tax	4,148.00	3,731.00
Warrants N/U/F Purpose Intent/Over 2 yrs.	67.86	3,326.79
mLicense Excise Tax	98,384.23	91,365.93
Permits (Water, Food, Septic, etc.)	113,431.25	125,047.00
Immunizations	14,608.70	27,140.60
Birth/Death Certificates	51,372.02	51,666.00
Misc./CVET/ Reimb. /Receipts	9,255.49	9,778.11
<b><u>TOTAL RECEIPTS</u></b>	<b><u>\$ 911,228.46</u></b>	<b><u>\$1,117,411.2</u></b>

# STATEMENT OF EXPENDITURES 219 ACCOUNT

<b><u>PERSONAL SERVICES</u></b>	<b><u>2003</u></b>	<b><u>2002</u></b>
Salaries	753,410.09	706,730.70
OASI Withheld	45,154.24	42,825.56
Medicare Withheld	10,559.98	10,016.36
County Retirement Contributions	32,116.98	26,741.18
Employee Group Insurance	107,009.66	40,639.36
Compensation – Board Members	2,475.00	0
Doctor – Health Officer	18,285.96	18,285.96
<b><u>TOTAL PERSONAL SERVICES</u></b>	<b><u>\$ 969,011.91</u></b>	<b><u>\$ 845,239.12</u></b>

<b><u>SUPPLIES</u></b>	<b><u>2003</u></b>	<b><u>2002</u></b>
Office Supplies	12,169.76	9,239.78
Gas/Oil/Lubricant	0	0
Equipment (Service/Repair)	8,676.51	1,055.73
LABORATORY SUPPLIES	29,782.66	27,975.48
Microfilm/Photocopy/Xerox Supplies	0	2,616.75
Educational Supplies	1,372.36	3,083.41
Environmental Supplies	4,406.15	3,849.51
<b><u>TOTAL SUPPLIES</u></b>	<b><u>\$ 56,407.44</u></b>	<b><u>\$ 47,820.66</u></b>

<b><u>SERVICES</u></b>	<b><u>2003</u></b>	<b><u>2002</u></b>
Professional Health Care Services	40,944.29	34,418.06
Postage	8,210.73	8,303.32
Mileage	29,459.38	26,400.34
Telephone	7,314.87	7,975.61
Printing O/T Office Supplies	0	1,630.03
Utilities	6,253.04	5,271.92
Leases Equipment	14,835.33	4,610.48
Rental Fees – Branch Office	0	31,428.00
Publishing	321.40	0
Education Inst. Training	4,503.20	10,374.62
Litigation Expenses	7,040.00	6,210.00
<b><u>TOTAL SERVICES</u></b>	<b><u>\$118,882.24</u></b>	<b><u>\$136,622.38</u></b>

<b><u>TOTAL EXPENDITURES</u></b>	<b><u>\$ 1,144,301.50</u></b>	<b><u>\$1,029,682.16</u></b>
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## ENVIRONMENTAL HEALTH FUND FINANCIAL STATEMENTS

### STATEMENT OF RECEIPTS AND EXPENDITURES (519) ACCOUNT

There was no activity in this account in 2003 the current balance is \$59,873.67

## LOCAL HEALTH MAINTENANCE FUND FINANCIAL STATEMENT

### STATEMENT OF RECEIPTS (520) ACCOUNTS

	<u>2003</u>	<u>2002</u>
Grant Monies ISDH	\$84,376.00	\$71,280.00
Carryover	11,901.68	
<b><u>Total Receipts</u></b>	<b><u>\$96,277.68</u></b>	<b><u>\$71,280.00</u></b>

### STATEMENT OF EXPENDITURES (520) ACCOUNTS

<u>PERSONAL SERVICES</u>	<u>2003</u>	<u>2002</u>
Salaries	46,298.84	40,775.37
OASI Withheld	2,799.93	2,528.03
Medicare Withheld	654.83	591.27
County Retirement Contributions	1,406.94	1,125.82
Employee Group Insurance	3,347.04	1,075.88
Unemployment Compensation	0	
<b><u>TOTAL PERSONAL SERVICES</u></b>	<b><u>\$ 54,507.58</u></b>	<b><u>\$ 46,096.37</u></b>

<u>SUPPLIES</u>	<u>2003</u>	<u>2002</u>
Animal/Vector Supplies	783.95	1,052.17
<b><u>TOTAL SUPPLIES</u></b>	<b><u>\$ 783.95</u></b>	<b><u>1,052.17</u></b>

<u>SERVICES</u>	<u>2003</u>	<u>2002</u>
Mileage/Travel	1,620.00	2,273.92
Technical/Software Support	0	253.68
<b><u>TOTAL SERVICES</u></b>	<b><u>\$ 1,620.00</u></b>	<b><u>\$ 2,527.6</u></b>



<u>OTHER</u>	<u>2003</u>	<u>2002</u>
Office Equip/Furniture	0	1,400.00
<b><u>TOTAL OTHER</u></b>	<b><u>\$ 0</u></b>	<b><u>\$1,400.00</u></b>

	<u>2003</u>	<u>2002</u>
<b><u>TOTAL EXPENDITURES</u></b>	<b><u>\$ 56,911.83</u></b>	<b><u>\$51,076.14</u></b>

## COMMUNICABLE DISEASE FUND – (526) ACCOUNTS

(Non-reverting Fund)

	<u>2003</u>	<u>2002</u>
Carry Over Balance	7,272.60	21,509.90
Receipts	24,563.00	13,712.00
Expenditures	7,356.95	27,949.30
<b><u>Year End Balance</u></b>	<b><u>\$ 24,478.65</u></b>	<b><u>\$ 7,282.60</u></b>

## TOBACCO MASTER FUND SETTLEMENT – (305) ACCOUNTS

	<u>2003</u>	<u>2002</u>
Carry Over Balance	65,557.46	47,576.09
Receipts	47,664.71	47,664.84
Expenditures	42,791.42	29,683.47
<b><u>Year End Balance</u></b>	<b><u>\$70,430.75</u></b>	<b><u>\$ 65,557.56</u></b>

## BIO-TERRORISM GRANT FUND – (293) ACCOUNTS

	<u>2003</u>
Receipts	35,416.00
Expenditures	2,696.14
<b><u>Year End Balance</u></b>	<b><u>\$32,719.86</u></b>

## VITAL RECORDS

### LIVE BIRTHS (CONFIDENTIAL INCLUDED):

<b>La Porte County:</b>	<b>1308</b>		
		<b>Male</b>	<b>670</b>
		<b>Female</b>	<b>638</b>

<b>La Porte (City):</b>	<b>704</b>		
		<b>Male</b>	<b>359</b>
		<b>Female</b>	<b>345</b>

<b>Michigan City:</b>	<b>604</b>		
		<b>Male</b>	<b>311</b>
		<b>Female</b>	<b>293</b>

Twins: 20 sets  
Triplets: 1 set

### BIRTH BREAKDOWN TABLE

<b><u>SEX OF CHILD:</u></b>	<b><u>ONE PARENT</u></b>	<b><u>TWO PARENTS</u></b>	<b><u>TOTAL</u></b>
Male	312	358	670
Female	299	339	638

<b><u>AGE OF MOTHER:</u></b>	<b><u>ONE PARENT</u></b>	<b><u>TWO PARENTS</u></b>	<b><u>TOTAL</u></b>
14 & Under	4	0	4
15-18	103	8	111
19	57	7	64
20-24	253	166	419
25-29	113	234	347
30-34	49	176	225
35-39	23	85	108
40 & Over	9	21	30

<b><u>RACE OF MOTHER:</u></b>	<b><u>ONE PARENT</u></b>	<b><u>TWO PARENTS</u></b>	<b><u>TOTAL</u></b>
White	451	622	1073
Black	126	27	153
Hispanic	29	33	62

Nat. Amer.	1	2	3
Asian Pac.	1	5	6
Mul-Rac.	2	3	5
Other	1	5	6

<b><u>HOME BIRTHS</u></b>	<b><u>1</u></b>	<b><u>11</u></b>	<b><u>12</u></b>
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Year 2003	TWO PARENT BIRTHS			ONE PARENT BIRTHS			Grand Total		1308
PLACE OF BIRTH									
	LaPorte	Mich City	Total	LaPorte	Mich City	Total	LaPorte	Mich City	Total
SEX OF CHILD									
Male	221	137	358	138	174	312	359	311	670
Female	208	131	339	137	162	299	345	293	638
RESIDENCE OF MOTHER									
LP City	233	43	276	152	45	197	385	88	473
Mich City	60	130	190	64	227	291	124	357	481
County	64	21	85	37	10	47	101	31	132
Indiana	61	68	129	21	50	71	82	118	200
Other	11	6	17	1	4	5	12	10	22
AGE OF MOTHER									
14 & Under	0	0	0	0	4	4	0	4	4
15 – 18	6	2	8	47	56	103	53	58	111
19	5	2	7	29	28	57	34	30	64
20 – 24	98	68	166	111	142	253	209	210	419
25 – 29	135	99	234	48	65	113	183	164	347
30 – 34	117	59	176	24	25	49	141	84	225
35 – 39	54	31	85	12	1	13	66	32	98
40 & Over	14	7	21	4	5	9	18	12	30
SMOKING STATUS OF MOTHER									
Smoker	72	39	111	116	116	232	188	155	343
N-smoker	357	229	586	159	220	337	516	249	765
Tri-Quit	0-0-0	0-0-0	0-0-0	0-0-0	0-0-0	0-0-0	0-0-0	0-0-0	0-0-0
RACE OF MOTHER									
White	395	227	622	243	208	451	638	435	1073
Black	11	16	27	21	105	126	32	121	153
Hispanic	14	19	33	8	21	29	22	40	62
Nat. Amer.	1	1	2	1	0	1	2	1	3
Asian/Pacific	2	3	5	0	1	1	2	4	6
Multi-Racial	2	1	3	1	1	2	3	2	5
Other	4	1	5	1	0	1	5	1	6
WEIGHT OF CHILD									
Under 3.5#	0	2	2	1	4	5	1	6	7
3.5# - 5.7#	23	10	33	18	22	40	41	32	73
5.8# - 10 #	399	254	663	254	309	563	653	563	1216
Over 10#	7	2	9	2	1	3	9	3	12

TRIMESTER OF MOTHER'S BLOOD TEST									
1st Tri.	413	262	6758	263	328	591	676	590	1266
3rd Tri.	6	177	183	202	167	369	208	344	552
Not Avail.	3	0	3	2	0	2	5	0	5
TRIMESTER THAT PRENATAL CARE BEGAN									
1st. Tri.	356	222	578	182	212	394	538	434	972
2nd Tri.	79	36	115	69	82	151	148	118	266
3rd Tri.	12	7	19	17	36	53	29	43	72
BIRTHS WITH CONGENITAL ANOMALIES									
Congenital	3	2	5	2	2	4	5	4	9
Home Births	9	1	10	0	1	1	9	2	11
Twins	14	1	15	2	3	5	16	4	20
Triplets	0	0	0	0	0	0	0	0	0

## DEATHS:

<b>La Porte County:</b>	<b>1029</b>		
		<b>Male</b>	<b>520</b>
		<b>Female</b>	<b>509</b>

<b>La Porte (City):</b>	<b>451</b>		
		<b>Male</b>	<b>242</b>
		<b>Female</b>	<b>209</b>

<b>Michigan City:</b>	<b>578</b>		
		<b>Male</b>	<b>278</b>
		<b>Female</b>	<b>300</b>

## DEATH BREAKDOWN TABLE

### CAUSES OF DEATH:

	<u><b>LA PORTE</b></u>	<u><b>MICHIGAN CITY</b></u>	<u><b>TOTAL</b></u>
Heart	158	254	412
Cancer	118	94	212
Respiratory	77	96	173
Nervous System	21	11	32
Communicable Disease	14	14	28
Digestive System	7	12	19
Motor Accidents	12	14	26
Geno- Urinary	16	17	33
Pending	2	7	9
Miscellaneous:	10	22	32

Suicide	5	11	16
Non- Motor Accidents	6	3	9
Still Born	4	3	7
Homicide	1	5	6
Diabetes	7	12	19
Prenatal Mortality	0	2	2

The leading causes of death in La Porte County were as follows:

Heart disease (412deaths),

Cancer (212 deaths),

Respiratory-related (173 deaths).

Two centenarians (over 100 years old) died.

STATISTICS				DEATH CAUSES	GRAND TOTAL		1004
	LaPorte	Mich City	Total		LaPorte	Mich City	Total
Male	242	278	520	<b>MALIGNANCY (Cancer):</b>	118	94	212
Female	209	300	509	Lung/Bronchus	44	20	64
LP City	376	59	435	Colon/Rectum	9	9	18
MC City	30	484	514	Breast	4	9	13
County	45	35	80	Prostate	8	11	19
LP City	345	53	398	Leukemia/Lymphoma	4	8	12
MC City	17	407	424	Reproductive Organs	4	8	12
County	59	52	111	Other	45	29	74
Indiana	17	26	43	<b>HEART/VASCULAR:</b>	158	254	412
Other	13	40	53	ASHD (Arteriosclerotic)	45	72	117
White	446	503	949	Hypertension	0	5	5
Black	3	72	75	Cerebrovascular/Stroke	11	17	28
Other	2	3	5	Other Vascular/Aneurysm	6	9	15
Married	186	207	393	Other	96	151	247
Widowed	180	206	386	<b>RESPIRATORY:</b>	77	96	171
Single	35	69	104	Pneumonia	22	32	54
Divorced	50	92	142	Bronchitis/Emphysema/COPD	9	6	15
Separated	0	4	4	Other	44	58	102
Stillborn	4	3	7	<b>GENITO-URINARY:</b>	16	17	33
Up to 1 mo	1	5	6	Renal	16	15	31
1mo - 1yr	0	2	2	Other	0	2	2
1 - 4	3	2	5	<b>DIGESTIVE SYSTEM:</b>	7	12	19
5 - 9	0	0	0	Cirrhosis/Liver	4	4	8
10 - 14	0	0	0	Gastro-intestinal/Ulcer	2	4	6
15 - 19	3	3	6	Pancreas	0	1	1
20 - 24	4	4	8	Other	1	3	4
25 - 29	2	4	6	<b>ENDOCRINE/DIABETES:</b>	0	2	2
30 - 34	1	8	9	<b>NERVOUS SYSTEM:</b>	21	11	25
35 - 39	6	14	20	Alzheimer'sm	12	5	17
40 - 44	5	16	21	Other	9	6	15

45 - 49	6	23	29	INFECTIOUS:	13	24	31
50 - 54	18	31	49	Bacterial/Sepsis	12	24	36
55 - 59	23	29	52	AIDS	0	0	0
60 - 64	25	24	49	Other	1	0	1
65 - 69	34	41	75	NEONATAL:	0	3	2
70 - 74	43	55	98	Prematurity/Malformation	0	2	2
75 - 79	62	92	154	SIDS	0	1	1
80 - 84	94	83	177	Other	0	0	0
85 - 89	60	61	121	STILLBIRTH;	4	3	7
90 - 94	46	55	101	HOMICIDE;	1	5	6
95 - 99	11	21	32	SUICIDE;	5	11	16
100 +	0	2	2	ACCIDENTS:	18	17	35
Autopsies	14	49	63	Motor	12	14	26
Fetal Death	4	3	7	Other	6	3	9
Coroner Cs.	53	115	168	UNDETERMINED:	2	7	9
Phys. Cs.	365	461	826	MISCELLANEOUS:	10	22	32
Cremations	150	223	373			Total Death Causes	1004
Ato. IU	3	1	4				

#### BIRTH CERTIFICATES ISSUED:

	<u>PAID</u>	<u>FREE</u>	<u>DEPOSIT</u>
La Porte	4280	44	\$12,840.00
Michigan City	4346	7	\$13,038.00
TOTAL	8626	51	\$25,878.00

#### DEATH CERTIFICATES ISSUED:

	<u>PAID</u>	<u>FREE</u>	<u>DEPOSIT</u>
La Porte	4176	113	\$16,704.00
Michigan City	4429	271	\$17,716.00
TOTAL	8605	384	\$34,420.00

#### CORONER'S EDUCATION FUND:

La Porte	\$ 4,176.00
Michigan City	\$ 4,429.00
TOTAL	\$ 8,605.00

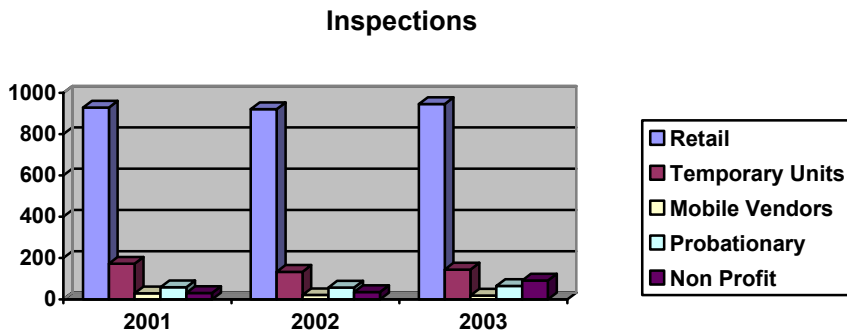
**OTHER VITAL RECORDS SERVICES:**

	<u>LA PORTE</u>	<u>MICHIGAN CITY</u>	<u>TOTAL</u>
<u>Court Orders:</u>			
Adoptions	38	58	96
Legitimation	21	21	42
Paternity	30	149	179
Amendments	43	48	91
<u>Verifications:</u>			
Military	55	3	58
Social Security	21	4	25
Welfare			
(Food Stamps)	16	7	23
Birth			
(Notifications)	684	610	1294
Miscellaneous	646	316	962
<u>Genealogy</u>			
Search	305	278	583
Full Genealogy	0	0	0

## FOOD PROTECTION DIVISION

Early in 2003 our Food Protection Division was one of 3 counties in Indiana selected to participate in a pilot project developed by the Food and Drug Administration. This project is designed to allow a food protection program to conduct a self-assessment. The main goals of this project are to guide and assist food professionals to design and manage a retail food program, provide a foundation and to be a tool to help evaluate the effectiveness of food safety interventions. The FDA wrote very stringent requirements that are more likely to be found in a federal inspection program, however, it gave the division a good idea of what the model program would be like and pointed out many areas, that with a little teamwork, could be achieved in the future. The pilot project had the county evaluate the program against nine (9) standards. These standards include: Regulations, Staff Training, HACCP Principles-based Inspection Program, Inspection Uniformity, Foodborne Illness Investigation, Compliance and Enforcement, Industry and Community Relations, Program Support and Resources and lastly, Self Assessment. It is emphasized by the FDA that many programs initially fail most of the standards but the project should be used as a building block to improve the county's food protection program. LaPorte County failed eight out of the nine standards while the other two counties in the project failed seven out of nine and nine out of nine.

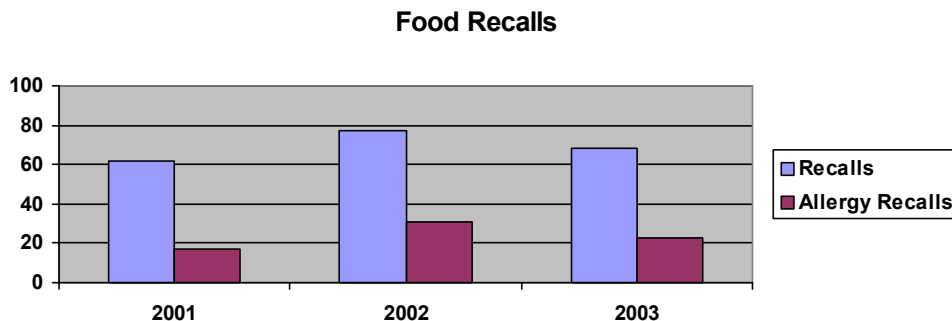
The Food Protection Division conducted 1,180 inspections over the course of the year. These included routine and probationary inspections of restaurants, convenience stores, private clubs, lunch trucks, grocery stores, bars, taverns, non-profit organizations, schools, mobile vendors and temporary units. The division conducted 1% more inspections in 2003 compared to the previous year. The slight increase can be speculated as an increase in temporary event inspections and the follow up inspections at those temporary events.



The Indiana State Department of Health issues recalls on a variety of products that have been contaminated at the manufacturer or have not been labeled according to the strict Federal labeling guidelines. Many different types of products are recalled each year,



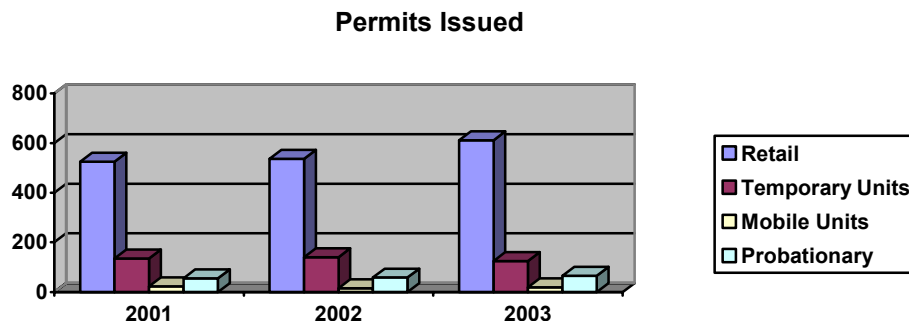
anything from candy, meat and poultry to vegetables. In 2002, the trend for the number of recalls issued increased significantly due to more stringent regulations on ingredient labeling. Numerous manufacturers inadvertently omit an ingredient in the labeling of the product. The omitted ingredient is considered an allergen if consumed by susceptible individuals who could have adverse or life-threatening reactions. In 2003, twenty-three of the sixty-eight recalls that the food protection division received were due to mislabeled products. Approximately ten percent fewer recalls were due to undeclared ingredients this year.



The food protection division is located in a satellite office in Michigan City while the main office is located in LaPorte. The satellite office provides identical services of the main office to the local residents with the exception of environmental services.

The food protection staff obtains continuing education credits by attending various meetings, workshops, symposiums and conferences throughout the year to improve and maintain knowledge on the ever-changing topics of food protection and foodborne illness prevention. The division collected a total of 78 hours of continuing education credits throughout the course of the year.

The number of permits issued in 2003 for new owners, new construction or extensive remodeling increased by eight percent from the previous year.



## **Food Division**

### **Inspections/Investigations/Permits for 2003**

#### **Complaint Investigation:**

<b>Retail Food Service</b>	<b>37</b>
<b>Foodborne Illness Investigations</b>	<b>25</b>

#### **Inspections:**

<b>Retail Food Service</b>	<b>946</b>
<b>School Kitchens</b>	<b>68</b>
<b>Temporary/Mobile Food Services</b>	<b>144</b>
<b>Food Establishment Fires</b>	<b>1</b>
<b>Non Profit Organizations</b>	<b>18</b>
<b>Food Recalls</b>	<b>68</b>

#### **Spot Checks:**

<b>Food Service</b>	<b>44</b>
<b>School Kitchens</b>	<b>1</b>
<b>Temporary/Mobile Food Services</b>	<b>98</b>
<b>Food Establishment Fires</b>	<b>3</b>

<b>Food Service Permits Issued</b>	<b>611</b>
<b>Temporary Food Permits Issued</b>	<b>125</b>
<b>Mobile Permits Issued</b>	<b>11</b>
<b>Probationary Permits</b>	<b>74</b>
<b>Food Service Consultations (field/office/phone)</b>	<b>903</b>
<b>Temporary Closures</b>	<b>3</b>

## **ENVIRONMENTAL DIVISION**

The Environmental division is responsible for responding to all the environmental needs of LaPorte County. This division both initiates and responds to environmental complaints. The staff must be extensively versed in all aspects of environmental health and building a coalition network of assistance and information.

### **Beach Grants Proposals**

The health department submitted two grant proposals to the Indiana Department of Environmental Management to conduct pilot projects demonstrating approaches to the implementation of a Beach Monitoring and Public Notification Program under the Federal Beaches Environmental Assessment and Coastal Health (BEACH) Act.

The two categories the proposed projects would address were 1) Enhanced Monitoring and 2) Public Notification. In the enhanced monitoring proposal, the health department would examine the benefits of additional testing at Lake Michigan Beaches in LaPorte County and analyzing for E.coli organisms at those beaches. The public notification proposal will evaluate our current notification plan by seeking direct public opinion through site surveys/questionnaires of enhanced electronic notification (web site, hotline, electronic sign), the installation of signs and/or other visual indicators to notify the public of water quality standard exceedance and water quality, dissemination of educational information regarding water quality and health (information kiosks, freebies), and evaluation of the enhanced public notification actions implemented.

While the LaPorte County Health Dept. has conducted regular beach monitoring and public notification for years, the enactment of the Beach Act has forced us to examine our current program and how it complies with the requirement of the act. While our activities meet the requirement for the most part, we found a need for evaluating and exploring of alternatives to our existing program. The objective of the pilot is to implement and assess potential actions that may be implemented in the Indiana State Beach Implementation Plan.

### **Gypsy Moth**

The Indiana Department of Natural Resources (INDR) did identify an area of LaPorte County that was endangered by the Gypsy Moth. Approximately one thousand nine hundred thirty two (1,932) acres of rural forest north of LaPorte were treated during the week of June 23<sup>rd</sup>. The area was treated with a small plastic flake dispersed by aerial spraying.

### **Monkey Pox**

The week of June 9<sup>th</sup>, LaPorte County experienced a monkey pox outbreak. The environmental division met with the Indiana State Board of Animal Health and conducted an inventory of the effected animals involved in the outbreak. The initial outbreak was associated with infected prairie dogs that were being sold as household pets.

## **West Nile Virus**

The environmental division work with the Indiana State Department of Health in identification of West Niles Virus. Once again the health department conducted surveillance to determine the spread of the virus by setting mosquito traps at possible breeding sites. The department also collected a total of 17 dead birds that were submitted to the Indiana State Department of Health for analysis. None of the birds came back positive.

## **Public Swimming Pools**

The jurisdiction of the health department falls to any public or semi-public swimming or wading pool, and hot tubs and spas that hold water for more than single use. This includes but is not limited to schools, hotels, apartments, condominiums, bed and breakfasts, camps, mobile home parks, membership clubs or associations. The health department does not permit or inspect one or two family dwellings maintained by an individual for the sole use of the household and house guests.

LaPorte County has 54 permitted pools, spas and whirlpools. Twenty-six seasonal facilities are charged \$25.00/unit and 20 year-round facilities are charged \$50.00/unit. Ten facilities are non-profit organizations that are not charged for their permit or the required water sampling.

There are a total of 39 pools 11 spas and 4 wading pools in LaPorte County. All permitted facilities are inspected twice a year. Facilities that are open more than six months of the year are inspected in the spring and winter. Seasonal facilities, facilities that are open less than six months of the year, are inspected as they open for the year and again just before they close for the season. After their initial inspection, follow-up inspections are conducted to assure that the facilities come into compliance if any violations are found. If a facility is required to close due to a violation of the Indiana State Department of Health Rule 410 IAC 6-2.1 and the LaPorte County Ordinance No 94-16, it remains closed until it is compliant with both rules.

Each permitted facility is required to submit weekly bacteriological tests. The health department maintains a certified laboratory that facilities may use for the required sampling. They may use any certified laboratory that they wish. If a facility shuts down for maintenance reasons they must pass a bacteriological test before re-opening.

In June of 2003, the long awaited revised swimming pool rule was adopted by the Indiana State Department of Health. The new rule now includes spas and hot tubs. This will dictate some modification to the local health department ordinance. Some of the changes include a change to the automatic closure of a pool or spa. If a pool/spa fails or misses two consecutive or three samples in a six-week period the pool is automatically closed. Other changes include hot and cold running water in the restrooms near the pool/spa. Soap, towels and covered waste receptacles are required in the restrooms. Frequency of testing and logging of the water chemistry is increased on a daily and weekly basis. A 24-unit First Aid Kit, which has always been the recommendation, is now the rule. Also, the guidelines of how to address fecal and vomitus accidents are now part of the rule. There are a few other

minor changes. All the changes help the operator to run a safer environment for the public to enjoy a day at the pool.

### **Environmental Statistics**

#### Complaints Investigation

Abandoned property	15
Abandoned Vehicles	2
Animals	22
Birds	2
Condemnations	4
Dump sites	3
Hazardous material	2
Housing	88
Indoor air	11
Insect	15
Open burning	18
Septic/Sewage	65
Tires	7
Trash & Garbage	55
Unsanitary living	50
Water pollution	3
Weed/Grass	10
<hr/>	
Total	372

### **WASTEWATER DIVISION**

The Wastewater division is responsible for the enforcement of Indiana State Department of Health Rule 410 IAC 6-8.1 and LaPorte County Ordinance no.1996-22.

There has been much controversy surrounding the Indiana State Department of Health Preliminary adoption of Rule 410 IAC 6-8.2. The proposed rule contained a nitrate-leaching index that could potentially affect 89% of the septic permits issued in LaPorte County. The fiscal impact caused by the implementation of this rule could result in costing the new homebuilders/owner nearly two million (2,000,000) dollars in LaPorte County alone. An additional three to four hundred (300-400) dollars a years in operation and maintenance cost.

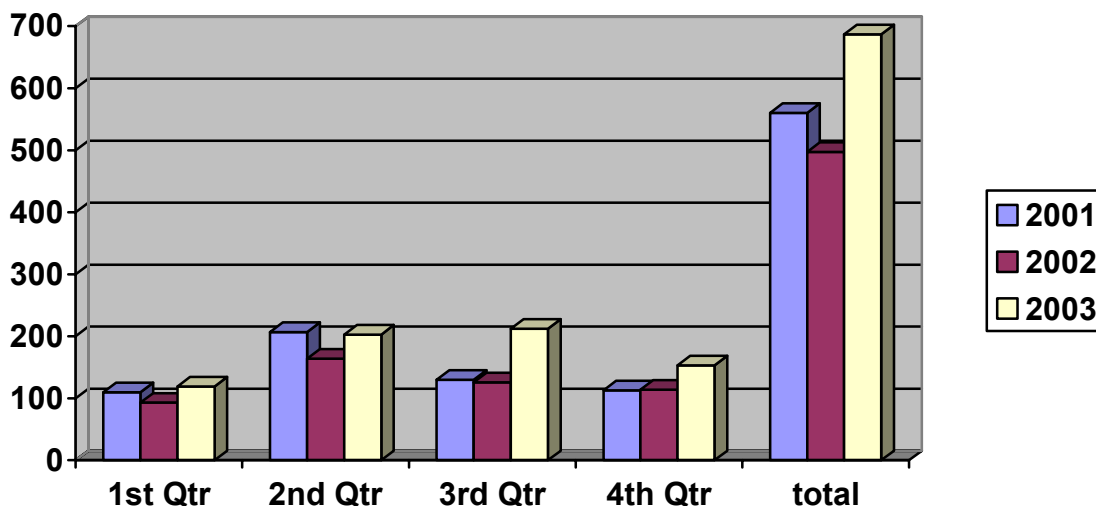
The LaPorte County Health Department officially requested and secured a Public hearing (one of three in the state) at the north end of the state due to enormous fiscal impact. The public hearing is a mechanism for the public to make comment regarding the proposed rule.

The Springfield Regional Sewer District has completed their Preliminary engineering report. This project is proposing a sanitary sewer collection system that will lead to the 39 North Conservancy District. This project has had numerous revisions to its plan as well as annexation to the district over the past several months.

The Statistics listed below are the number of septic permit issued (new & repair) over the last 3 years.

### Permits Issued

	1 <sup>st</sup> qtr	2 <sup>nd</sup> qtr	3 <sup>rd</sup> qtr	4 <sup>th</sup> qtr	Total
2001	110	207	130	113	560
2002	93	164	126	114	497
2003	119	203	212	153	687



	Jan	Feb	Mar	1st Qtr	Apr	May	Jun	2nd Qtr	Jul	Aug	Sept	3rd Qtr	Oct	Nov	Dec	4th Qtr	Yearly
Inspection Repairs -	3	2	11	16	11	18	17	46	14	17	13	44	25	13	9	47	153
Inspections New -	9	2	19	30	27	25	30	82	37	34	27	98	28	22	25	75	285
Septic Recheck -	8	0	5	13	3	2	13	18	17	19	9	45	14	5	5	24	100
Final Cover Inspect	0	0	2	2	4	4	9	17	3	3	6	12	6	5	6	17	48
Onsite Consultation	51	27	50	128	37	46	62	145	49	44	49	142	34	24	22	80	495
Septic Location -	5	5	20	30	21	18	33	72	18	22	41	81	42	9	3	54	237
Complaint	4	0	4	8	8	3	12	23	4	7	5	16	3	1	1	5	52
Complaint Call Back	11	8	6	25	8	5	7	20	5	9	5	19	2	1	1	4	68
H2O Samples Collect	0	1	0	1	0	3	0	3	0	1	1	2	0	0	0	0	6
Site Plan Review	20	20	27	67	23	32	28	83	39	31	31	101	50	29	23	102	353
Elevation Readings	1	0	4	5	1	2	2	5	1	0	1	2	2	1	1	4	16
Soil Report Spec	36	26	26	88	48	52	39	139	52	41	46	139	42	17	26	85	451
Court Hearings	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Office Consultation	0	0	1	1	0	2	2	4	3	4	4	11	5	1	0	6	22
Staff Meetings	1	0	2	3	1	2	2	5	5	2	0	7	0	0	0	0	15
Misc. Meetings	12	5	0	17	1	6	3	10	2	1	1	4	1	1	1	3	34
New Permits	16	22	27	65	23	34	29	86	36	29	24	89	39	17	24	80	320
Total Repair Permits	7	8	11	26	16	16	24	56	15	28	15	58	16	9	8	33	173
Repair - Failure	3	4	2	9	4	7	6	17	2	2	4	8	3	2	2	7	41
Repair - Remodel	2	3	5	10	2	3	5	10	4	6	5	15	2	2	2	6	41
Repair - Real Estate	0	0	0	0	0	1	0	1	1	1	0	2	1	0	0	1	4
Repair-Up Grade	2	1	4	7	10	5	13	28	8	19	6	33	10	5	4	19	87
Commercial	0	0	1	1	1	1	0	2	2	2	0	4	1	1	2	4	11
Reconnect	1	0	0	1	1	2	0	3	0	2	1	3	2	0	1	3	10

## WATER LABORATORY

The following are the water test offered by the laboratory with their respective fees:

<b>Total Coliform</b>		Swimming pools/	\$15.00
Drinking water	\$10.00	Spas/Whirlpools	
<b>E.coli</b>		<b>Lead</b>	\$15.00
Lakes, surface water streams	\$10.00		
		Iron, Total	\$15.00
<b>Nitrite</b>	\$10.00		
		<b>Nitrate</b>	\$15.00

In 2003, the water laboratory had a total income from fees of \$40,806. This figure includes \$12,735.00 in fees generated from the chemistry tests. The grand total number of samples analyzed by the laboratory, including chemical analysis, was 7,371. Of this total, 2,079 were analyzed at no charge to the customer. Many of these no charge samples were collected by

our department staff during the performance of complaint investigation duties, studies conducted by the department, surface water monitoring of beaches, lakes, and streams. In addition to the departmental water testing, no charge water sampling includes not-for-profit agencies, governmental entities and unsatisfactory drinking water samples. In this no charge category, the unsatisfactory drinking water samples are entitled to one free sample when the initial bacteriological sample is proven unsatisfactory.

## SUMMARY

### Bacteriological Water Testing For 2003

<u>Beaches</u>	<u>Number of Samples</u>	<u>Number of No Charge</u>	
Satisfactory	601	601	
Unsatisfactory	68	68	
<b>Total Number of Samples</b>	669	<b>Subtotal No Charge</b>	669
<b>Sample charge</b>	\$10.00	<b>Moneys received</b>	\$0.00

<u>Drinking Water</u>	<u>Number of Samples</u>	<u>Number of No Charge</u>	
Invalid	16	5	
Satisfactory	1760	675	
Unsatisfactory	236	87	
<b>Total Number of Samples</b>	2012	<b>Subtotal No Charge</b>	767
<b>Sample charge</b>	\$10.00	<b>Moneys received</b>	\$12,450.00

<u>Porter County Health Dept</u>	<u>Number of Samples</u>	<u>Number of No Charge</u>	
Satisfactory	105	0	
Unsatisfactory	2	0	
<b>Total Number of Samples</b>	107	<b>Subtotal No Charge</b>	0
<b>Sample charge</b>	\$10.00	<b>Moneys received</b>	\$1,070.00

<u>Surface Water Complaint</u>	<u>Number of Samples</u>	<u>Number of No Charge</u>	
Satisfactory	6	6	
Unsatisfactory	8	8	
<b>Total Number of Samples</b>	14	<b>Subtotal No Charge</b>	14
<b>Sample charge</b>	\$10.00	<b>Moneys received</b>	\$0.00



**Surface Water Other**

	<b><u>Number of Samples</u></b>		<b><u>Number of No Charge</u></b>
Invalid	1		1
Satisfactory	7		1
Unsatisfactory	6		2
<b>Total Number of Samples</b>	14	<b>Subtotal No Charge</b>	4
<b>Sample charge</b>	\$10.00	<b>Moneys received</b>	\$100.00

**Swimming Pool**

	<b><u>Number of Samples</u></b>		<b><u>Number of No Charge</u></b>
Satisfactory	888		362
Unsatisfactory	27		3
<b>Total Number of Samples</b>	915	<b>Subtotal No Charge</b>	365
<b>Sample charge</b>	\$15.00	<b>Moneys received</b>	\$8,250.00

**Wastewater Treatment**

	<b><u>Number of Samples</u></b>		<b><u>Number of No Charge</u></b>
Invalid	2		2
Satisfactory	203		203
Unsatisfactory	2		2
<b>Total Number of Samples</b>	207	<b>Subtotal No Charge</b>	207
<b>Sample charge</b>	\$10.00	<b>Moneys received</b>	\$0.00

**Whirlpool**

	<b><u>Number of Samples</u></b>		<b><u>Number of No Charge</u></b>
Satisfactory	443		40
Unsatisfactory	15		1
<b>Total Number of Samples</b>	458	<b>Subtotal No Charge</b>	41
<b>Sample charge</b>	\$15.00	<b>Moneys received</b>	\$6,255.00

<b>Total Number of Bacteriological Samples</b>	4396
<b>Total Number of No Charge Samples</b>	2067

<b>Total of Moneys Received (Bacteria)</b>	<b>\$28,125.00</b>
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# Chemistry Annual For 2003

## Drinking Water

<u>Iron</u>	<u>Number of Samples</u>	<u>Number of No Charge</u>	<u>Cost</u>	<u>Total</u>
Satisfactory	4	0	\$15.00	\$60.00
Unsatisfactory	1	0	\$15.00	\$15.00
<b>Total Number of Tests:</b> 5	<b>Total Number of No Charge:</b> 0			
<u>Lead</u>	<u>Number of Samples</u>	<u>Number of No Charge</u>	<u>Cost</u>	<u>Total</u>
Invalid	3	0	\$15.00	\$45.00
Satisfactory	306	2	\$15.00	\$4,560.00
Unsatisfactory	80	0	\$15.00	\$1,200.00
<b>Total Number of Tests:</b> 389	<b>Total Number of No Charge:</b> 2			
<u>Nitrate</u>	<u>Number of Samples</u>	<u>Number of No Charge</u>	<u>Cost</u>	<u>Total</u>
Invalid	2	0	\$15.00	\$30.00
Satisfactory	384	9	\$15.00	\$5,625.00
Unsatisfactory	8	0	\$15.00	\$120.00
<b>Total Number of Tests:</b> 394	<b>Total Number of No Charge:</b> 9			
<u>Nitrite</u>	<u>Number of Samples</u>	<u>Number of No Charge</u>	<u>Cost</u>	<u>Total</u>
Invalid	1	0	\$10.00	\$10.00
Satisfactory	105	1	\$10.00	\$1,040.00
<b>Total Number of Tests:</b> 106	<b>Total Number of No Charge:</b> 1			

**Subtotal: \$12,705.00**

## **Surface Water**

<u>Nitrate</u>	<u>Number of Samples</u>	<u>Number of No Charge</u>	<u>Cost</u>	<u>Total</u>
Satisfactory	2	0	\$15.00	\$30.00
<b>Total Number of Tests:</b>	<b>2</b>	<b>Total Number of No Charge:</b>	<b>0</b>	
			<b>Subtotal:</b>	<b>\$30.00</b>

<b>Total Number of Samples:</b>	896		
<b>Total Number of No Charge:</b>	12	<b>Total:</b>	<b>\$12,735.00</b>

## **Drinking Water Monitoring Program**

To celebrate National Drinking Water Week (May 7-9<sup>th</sup>) the health department offered free Total Coliform (Bacteria) testing to LaPorte County residents with private water well. Three sites were available for free pick-up and drop-off, LaPorte County Health Department-Michigan City Branch Office, LaPorte Office and Wanatah maintenance building. 178 samples were given out.

## **Beaches**

The Water Laboratory tested 669 lake samples in an effort to keep the community informed on the bacterial conditions of the area beaches and lakes. The bathing beaches/ boat launch samples are listed below:

New Stone Lake beach-LaPorte  
 Old Stone Lake beach-LaPorte  
 Stone Lake launch area-LaPorte  
 Pine Lake Kiwanis Teledyne beach park-LaPorte  
 Pine Lake Waverly beach-LaPorte  
 Pine Lake assembly-LaPorte  
 Hudson Lake beach  
 Upper Fish Lake beach  
 Lower Fish Lake beach  
 Washington Park beach-Michigan City  
 California Avenue beach-Michigan City  
 Long beach stop 24 beach  
 Shoreland Hills stop 31 beach  
 Michiana Shores stop 37 beach

In 2003 the health department continued the monitoring of twice a week analysis (Tuesday and Thursday) for the above recreational sites during bathing season. Beach samples were collected from May through September. All results were reported in the number of colonies per forming unit (cfu)/100 milliliters of water collected.

The maximum acceptable level of Escherichia (E.coli) for bathing beaches, streams, and lakes is 235 cfu/100 ml of water. Full body contact with water exceeding this level should be avoided. The presence of E.coli can be indicative of the presence of fecal matter or sewage. Therefore, with increased bacterial analysis and communications from resident's and/or concerned patrons, the health department can monitor for pathogenic organisms more regularly.

As a precaution, those beaches that exceeded the maximum acceptable level of 235 cfu/100 ml were "closed" due to high bacterial level. Individuals who chose to disregard these notices were advised to avoid ingesting any of the affected water and to bathe with hot, soapy water following contact with the contaminated water.

In 2003, there were forty- three (43) different times the beaches were closed. Listed below are the beaches closed, date the beach closed, and the results.

<b>Date of Closure</b>	<b>Beach</b>	<b>Result</b>
June 10, 2003	Pine Lake Assembly	285
June 10, 2003	Stop 31	727
June 11, 2003	Stop 31	649
June 12, 2003	Stone Lake Launch	>2419
June 19, 2003	Washington Park #1	1046
June 19, 2003	Washington Park #2	649
June 19, 2003	Washington Park #3	1986
June 19, 2003	California Avenue #1	488
June 19, 2003	California Avenue #2	365
June 19, 2003	California Avenue #3	488
June 19, 2003	Stop 24	248
June 19, 2003	Stop 31	579
June 19, 2003	Stop 37	387
June 26, 2003	New Stone Lake #3	816
June 26, 2003	California Avenue #1	236
June 26, 2003	California Avenue #3	517
July 2, 2003	Old Stone Lake	457
July 2, 2003	Washington Park #1	866
July 8, 2003	Stone Lake Launch	921
July 8, 2003	Upper Fish Lake	326
July 15, 2003	Stop 37	770
July 22, 2003	Stop 31	261

July 22, 2003	Stop 37	435
July 29, 2003	Old Stone Lake	410
July 29, 2003	Upper Fish Lake	2419
July 30, 2003	Upper Fish Lake	>2419
August 5, 2003	Old Stone Lake	1120
August 5, 2003	Upper Fish Lake	308
August 5, 2003	Lower Fish Lake	308
August 6, 2003	Upper Fish Lake	866
August 7, 2003	Old Stone Lake	411
August 7, 2003	Pine Lake Kiwanis	866
August 7, 2003	Lower Fish Lake	435
August 7, 2003	Washington Park #1	1553
August 7, 2003	Washington Park #2	345
August 7, 2003	Washington Park #3	261
August 7, 2003	Stop 31	345
August 7, 2003	Stop 37	613
August 14, 2003	Lower Fish Lake	961
August 15, 2003	Lower Fish Lake	248
September 4, 2003	New Stone Lake #2	2419
September 4, 2003	New Stone Lake #3	308
September 4, 2003	Old Stone Lake	1120

## PUBLIC HEALTH NURSING

The Public Health Nursing Program is staffed by five (5) full time nurses and three (3) part-time nurses assigned to programs that provide services for the entire county.

The services include immunizations; counseling and vaccinations for children and adults; lead screening and education on the prevention and treatment of lead poisoning; free pregnancy testing with referral; international travel immunization; community education; communicable disease control and investigation under the direct supervision of the Health Officer. We have two operating Sexually Transmitted Disease clinics, which provide diagnosis, treatment, counseling, as well as follow-up. We operate a blood profile clinic that provides 26 serum tests. Beginning July 1, 2003 the department was able to provide Hepatitis A vaccine and Hepatitis B vaccine to clients at the STD clinics. Funding for this program was made available through the state Hepatitis Program (adults) and through the VFC Program (adolescents).

The Nursing Division also faced new challenges in 2003. Beginning early in January, staff attended educational inservices provided by the CDC, and training sessions in the administration of Smallpox Vaccine. Six nurses were trained in the special method of administration of this vaccine.

In June 2003, the staff also faced the challenge of investigating an outbreak of a disease new to not only LaPorte County, but also the Western Hemisphere- Monkeypox. The CDC and Indiana State Department of Health recommended that smallpox vaccine be offered to the contacts of monkeypox cases and a smallpox vaccination clinic was held on June 14, 2003. All contacts declined vaccine.

This year we entered the community to provide education to the citizens of LaPorte County at numerous Health Fairs and Expos.

Alternative School Health Fair  
Hispanic Outreach Program  
LaPorte County Fair  
Multiple Small Pox in-services throughout the community  
Employee Health Fair x2  
Senior in-services at the Salvation Army and LaPorte Senior Center  
LaPorte Hospital Health Fair

## **FIELDWORK: LOCAL NURSING STUDENTS**

The Health Department provided educational experience in Public Health for interested students enrolled in nursing programs throughout the area.

## **COMMUNITY INVOLVEMENT**

The Nursing Supervisor and the nursing division worked together to represent the Health Department by serving on a number of committees, advisory boards and task forces locally, statewide, and nationwide. Among those served were:

Healthy Community Initiative Steering Committee of LaPorte County  
Healthy Community Initiative Directive Committee of LaPorte County  
American Lung Association  
Super Shot Saturday  
Executive Board of Indiana Public Health Association  
American Public Health Association Public Health Nursing Division  
Perinatal task force  
Step Ahead  
Indiana Immunization Registry Task Force  
Small Pox Task Force  
LaPorte Bioterrorism Task Force  
Table top bioterrorism planning

## **COMMUNICABLE DISEASE**

The following represent cases of communicable diseases and conditions reported to the LaPorte County Health Department. Since some hospitals, clinics, and doctors prefer to report directly to the Indiana State Department of Health, the following data may represent lower numbers than the actual cases that occurred in the county. The following have been reported to both the LaPorte County Health Department and the Indiana State Department of Health:

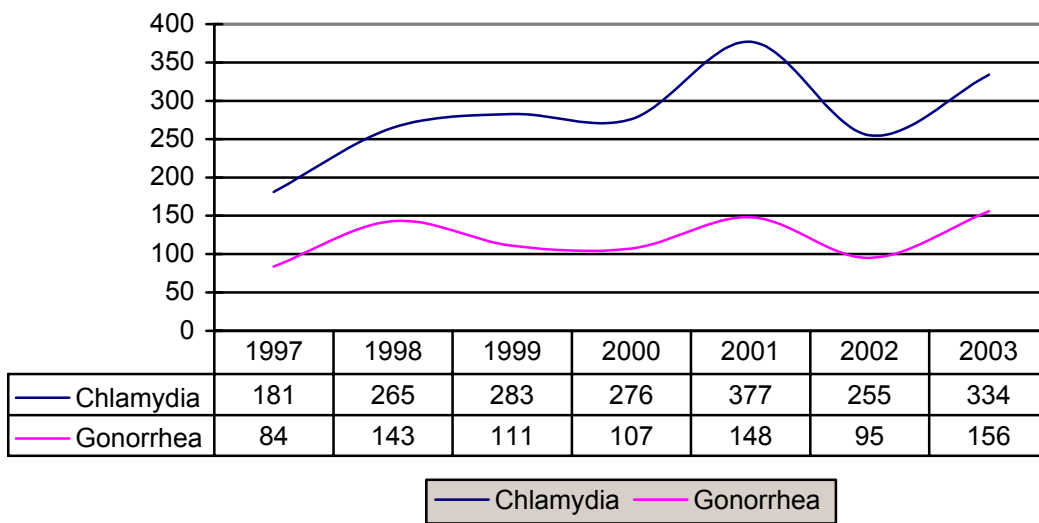
CAMPYLOBACTER	10
E-COLI	03
GIARDIASIS	01
HEPATITIS A	00
HEPATITIS B	05
HEPATITIS C-acute	01
HEPATITIS C- chronic	112
HISTOPLASMOSIS	00
LEGIONELLOSIS	01
LYME DISEASE	03
MENINGOCOCCAL DISEASE-viral	03
MENINGOCOCCAL DISEASE- bacterial	01
SALMONELLA	20
TYPHOID	00
PERTUSSIS	00
YERSINOSIS	00
STREP PYROGENES	00
SHIGELLA	03
STREP	08

## **PREGNANCY TESTING**

The health department continues pregnancy testing at no charge. There were 64 tests performed. 34 women were referred to other agencies or physicians for either prenatal care or family planning. The testing is conducted in both offices one afternoon each week.

## **SEXUALLY TRASMITTED DISEASE CONTROL**

The LaPorte County Health Department continued to offer free diagnostic, counseling and treatment services at two clinics. The clinics are located in Michigan City and LaPorte. In addition to the statistics below, 5 cases of syphilis were reported. 2 of these cases were treated through the health department clinics.



## IMMUNIZATION CLINICS

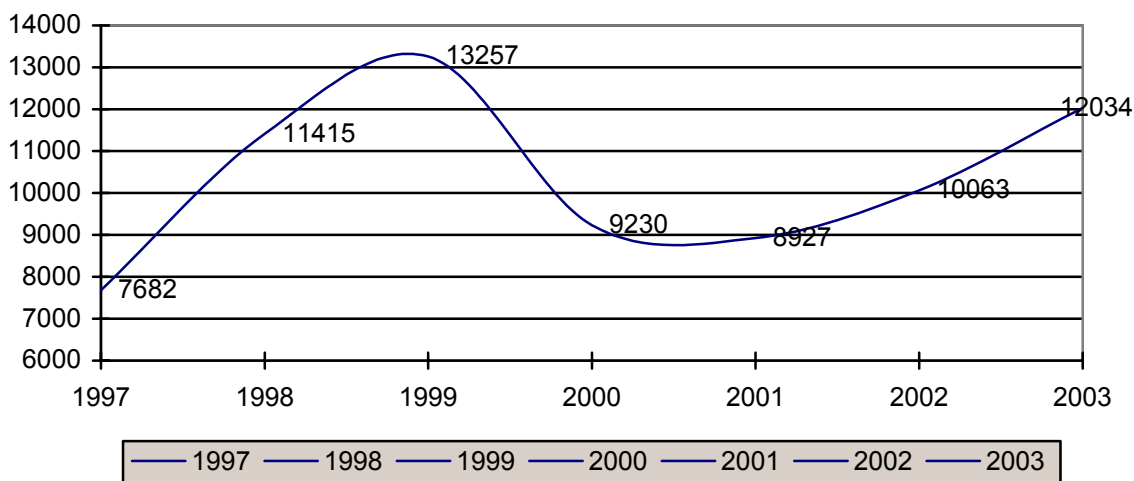
A continuing immunization program is being held every Monday from 8:30AM-11AM and from 12:00PM-3: 00PM at the main office in LaPorte, located in the Courthouse Square on the 4<sup>th</sup> floor of the County Complex Building; and every Tuesday from 8:30AM-11: 00AM, and from 12:00 PM-3: 00PM at the branch office at 302 West 8<sup>th</sup> Street in Michigan City. Immunization clinics are held the first Wednesday of every month 8:00AM-11: 00AM at the Wanatah Elementary School cafeteria. All clinics provide immunizations against childhood diseases. Vaccines include DTP (Diphtheria, Tetanus, Pertussis), Pneumococcal conjugate), IPV (Inactivated Polio Vaccine), MMR (Measles, Mumps, Rubella), HiB (Haemophilis Influenze B), Varicella (Chicken Pox), and Hepatitis B. Td (Adult Tetanus/Diphtheria) is also available to adults as well as MMR on a limited basis. 4,942 people were seen at the clinics and 12,034 immunizations were given.

Throughout the year we provided special clinics improving accessibility to the citizens of LaPorte County. We held 4 evening clinics in May, and August. This gave parents extra days to get their children appropriately immunized for entrance into school. We provided flu shots free of charge to county employees and we provided flu shots to the public for \$1. A total of 3 clinics were offered for the flu shot. We also visited the County Home and provided flu shots to the residents at no charge.

We began to hold clinics in the Women's, Infants, and Children (WIC) offices in Michigan City and LaPorte. The clinics are held on Wednesdays and are scheduled on a month-to-month basis. Advertising is done to let the people know when the clinic will take place.



## IMMUNIZATIONS



ement of Hepatitis B for entry into school as a major increase in the immunization numbers in 1999. As all of the children became current in their immunizations, the immunization numbers declined. With the requirement of the chickenpox vaccine for school entry the numbers again begin to rise.

## LEAD SCREENING

This screening is available for children 6 months to 6 years old, at both offices of the LaPorte County Health Department. Ingestion and inhalation of common environmental lead sources causes lead poisoning. A capillary blood sample is obtained using a simple fingerstick procedure. The samples are then sent to the regional laboratory. Appropriate investigation is conducted and referrals are made for all children with elevated results. The following CDC table denotes Lead action levels and appropriate interventions:

### BLOOD LEAD RECOMMENDED CLASS CONCENTRATION INTERVENTIONS (UG/DL)

I (9) not considered to be lead poisoning.

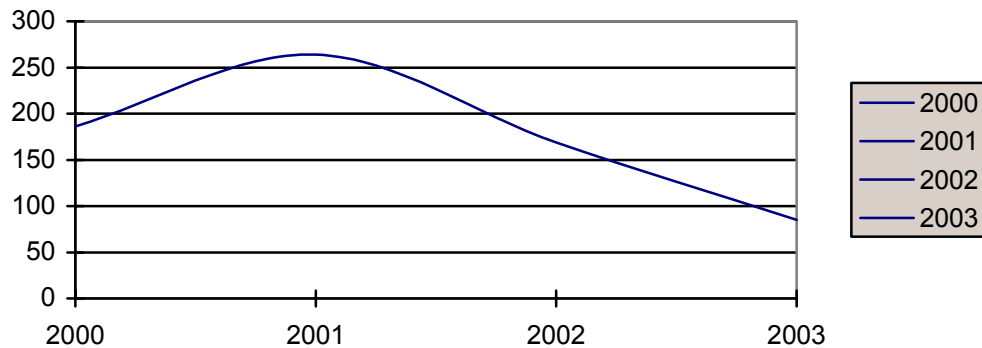
IIB (15-19) Rescreen in three months; if blood level remains elevated environmental evaluation and nutritional education

III (20-44) Rescreen every three months; nutritional, environmental, medical evaluation, and behavior history.

IV (45-69) Medical treatment within 48 hours; possible chelation therapy.

V (70) Chelation therapy within 5-7 days.

Below is listed the results of 85 children we tested in 2003.



Of the 85 children tested for lead poisoning, 83 of these children were classified as Class I, which denotes no lead poisoning. 2 of the children were classified as Class II.

## INTERNATIONAL TRAVEL VACCINATIONS

The LaPorte County Health Department is a designated Yellow Fever Vaccination Center. In addition to Yellow Fever vaccine, the department offers international travelers Typhoid, Hepatitis A, Hepatitis B, Meningitis, Tetanus, Diptheria, Polio, Measles, Mumps, and Rubella vaccines. The following number of doses for travel were administered during 2003:

Yellow Fever 55

Typhoid 84

Hepatitis A 74

Polio 26

## BLOOD PROFILE

The Blood Chemistry Profile has a total of 26 lab tests; included are: total cholesterol, triglycerides, LDL- (low density) lipoprotein HDL- (high density) lipoprotein and an Estimated Cardiac Disease Risk. Also included in the profile are liver enzymes, iron, and potassium and glucose tests. This profile provides a physician with valuable information concerning a person's overall health. The client and physician receive a copy of the test

results within 7 to 10 days. Services are provided at the Michigan City office on the second Thursday of the month and at the LaPorte office on the fourth Thursday of the month. Testing is by appointment only. A 12-hour fast is required prior to the blood draw. A total of 672 individuals were screened in 2003.

### **Tests Available Through Blood Profile Clinic:**

#### **Coronary Heart Disease Risk**

Total Cholesterol	
HDL	LDL
VLDL	Triglycerides
Glucose	Sodium
Potassium	Chloride
Urea Nitrogen	Creatinine
Globulin	Bilirubin, Total
GGT	Iron
Calcium	Phosphorus
Protein, Total	Lactic Acid Dehydrogenase
Uric Acid	SGOT
SGPT	

### **TUBERCULOSIS CONTROL**

There was one newly diagnosed active case of pulmonary tuberculosis in LaPorte County in 2003. This patient received free medications monitored under Directly Observed Therapy by the LaPorte County Health Department nursing staff. The Tuberculosis Program at the Indiana State Department of Health provides these medications to local health departments to eliminate financial barriers to treatment. The department also provides laboratory work, chest x-rays, and eye exams as appropriate. All patients are under the care of both their physician and the health department until treatment is completed.

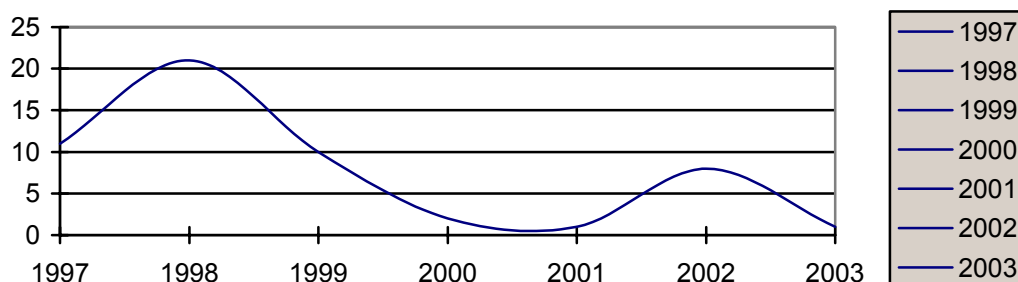
The labor intensive work of contact investigation that the department provides is necessary to ensure that all persons who may have become infected by the patient receive adequate testing and follow up.

From the one active case, 283 contacts were identified through an intensive investigative process. 278 of those identified were skin tested. The first test was given immediately after identification as a contact and the second was given three months after the first skin test. Of the 278 people tested, none tested positive.

In addition to providing medications to persons with active disease, the health department provides and monitors the treatment of persons with TB infection.

In 2003, 2,002 people received the TB test. There were a total of 39 reactors. TB testing is offered every Monday at the LaPorte office, and every Tuesday at the branch office in Michigan City from 8:30-11:00 AM and 12:00-3:00 PM. There is no charge.

**Active Cases by Year**



## **FEES ESTABLISHED FOR LPCHD NURSING SECTION ACTIVITIES**

In order to partially offset the increasing costs of materials, supplies, and services necessary to perform public health nursing services, the LaPorte County Health Department has established, through the successive approval of the LaPorte County Health Board and the LaPorte County Commission, by ordinance, user fees for patrons able to pay them. These fees apply only to the services described below. All other public health nursing services remain free of charge. As stated below, no one will be refused any service available because of lack of ability to pay.

### **IMMUNIZATION ADMINISTRATIVE FEES:**

Injection: \$1.00 ea.

A maximum of \$2.00 per child, or \$3.00 per family, per visit, will be charged.

BLOOD PROFILE \$30.00 ea.

MANTOUX (TB) SCREENING No charge

### **INTERNATIONAL TRAVEL VACCINE**

Hepatitis-A: \$15 ea.

Hepatitis-B: \$25 ea.

Menomune (meningitis): \$50 ea

Typhoid: \$35 ea.

Yellow Fever: \$50 ea.

Tetanus: \$1 ea.